

SD1304 Meeting minutes

Week 6: Ross

October 3, 2013

Jeff attended

Discussion:

- To drive the winch we will need to implement our high power h bridge
- daughter board connector
- 5V regulator 7805
- 3.3V regulator MCP1702
- fuses 0031.8201

Ross Completed: populated wheelchair control and 90% troubleshooting complete, motherboard concept

Working on: finalize mother board concept, power regulators, input header

Nick Completed: finished power h-bridge schematic capture

Working on: move to layout, order parts and start population

Dan Completed: working on ARM adapter board concept and design

Working on: finish design and move to layout, start working on PWM

Caleb Completed: chose new mosfets

Working on: Layout for h-bridge circuit and populate

Matt: Completed: circuit for the rotational linear actuator completed and working

Working on: move to board layout

Beau: Completed: soldered stiffer wire to hall effect and got Roboteq on

Working on: pursue ME grad, analysis of tank and concept of transfer